

April 2, 2009



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 6614
(NINETEENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109.)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Class 8 corrosive materials in polyethylene bottles placed in a polyethylene crate. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.202 and § 173.203 in that alternative packaging is authorized.
5. BASIS: This special permit is based on the application of Auto-Chlor System dated January 21, 2009, submitted in accordance with § 107.105 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/Division	Identification Number	Packing Group
Compounds, cleaning liquid (consisting of solutions containing potassium hydroxide, hydrochloric acid or phosphoric acid)	8	NA1760	II or III
Corrosive liquid, basic, inorganic, n.o.s. (Potassium hydroxide)	8	UN3266	II
Corrosive liquid, basic, inorganic, n.o.s. (Sodium hydroxide)	8	UN3266	II
Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid and Nitric acid)	8	UN3264	II
Corrosive liquid, acidic, organic, n.o.s. (Glycolic acid)	8	UN3265	III
Hypochlorite solutions	8	UN1791	III
Hydrochloric acid solution (with not over 32% strength)	8	UN1789	II
Sulfuric acid (with not more than 51% acid)	8	UN2796	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a polyethylene bottle with a rated capacity of one gallon (3.785 liters), packed inside an open-top, heavy wall, high density polyethylene box (i.e., crate). Four bottles, securely closed with threaded caps, must be packed in each box. The design of the box must be such that the polyethylene bottles are not subjected to any superimposed weight.

(1) The minimum weight of each empty bottle must be not less than 140 grams. Minimum wall thickness of each polyethylene bottle is 0.020 inch (0.508 mm).

(2) The polyethylene box must mitigate the spread of hazardous materials in the event of a spill from the inner packagings. The box must be constructed from high density polyethylene in the density range 0.950-0.962, and must be capable of holding liquid when in the upright position.

b. TESTING -

(1) It is the responsibility of each holder of this special permit to ensure that the tests required by this paragraph are completed. A copy of the test results must be kept on file at each special permit holder's facility where packagings are offered for transportation, and must be made available to a representative of the Department of Transportation upon request. Tests must be performed on each type and size of bottle, for each manufacturing location. Samples taken at random must withstand the prescribed tests without breakage or leakage.

(2) The polyethylene bottles in the outer box must meet the Packing Group II performance level, as applicable for combination packagings with a plastic box outer packaging, in accordance with Subpart M of Part 178.

(3) One bottle for every two hours of production, or for every 2500 bottles produced, must be tested by dropping a bottle filled to 98% capacity with water from a height of 1.2 meters (3.9 feet) onto solid concrete directly on the closure.

c. MARKING - The name or symbol of the bottle producer, and the month and year of manufacture, must be marked by embossing, ink-jet printing of permanent ink, or other permanent means on the face or bottom of each bottle, in letters and numbers at least 6 mm (0.2 inch) high. Symbols, if used, must be registered with the Associate Administrator for Hazardous Materials Safety. Each outer crate must be marked "DOT-SP 6614" in accordance with § 172.301(c). The special permit number may be on the printed form on the box,

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incorporated into the corrosive material label at the bottom margin.

d. Boxes must be reasonably secured against movement within the transport vehicle and must be loaded so as to minimize the possibility of coming in contact with other lading.

e. Shipments must be by private carrier.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit who receives a package covered by this special permit may reoffer it for transportation provided no modifications or changes are made to the packaging or its contents and it is reoffered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this special permit must receive training on the requirements and conditions of this special

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permit in addition to the training required by § 172.700 through § 172.704.

No person may use or apply this special permit, including display of its number, when the special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) - 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for Theodore L. Willke
Associate Administrator for Hazardous Materials Safety

April 2, 2009

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: MOOREBE